

ABSTRACT OF THE DISCLOSURE

A process for producing cables, in particular cables for the distribution of electrical energy or cables for telecommunications, more particularly, cables having at least one covering layer having a composition of high viscosity. Cables with at least one covering layer are made from a polymeric composition having a mineral filler capable of imparting one or more specific properties to the cables. A production process includes conveying at least one conducting element inside of an extruder; feeding the polymeric material, optionally premixed with other components of the composition, into the extruder; filtering the material transferred and plasticized by the screw of the extruder; and depositing the material onto the at least one conducting element, the filtration operation being performed with a filtration efficiency greater than 0.8, preferably greater than 0.9.

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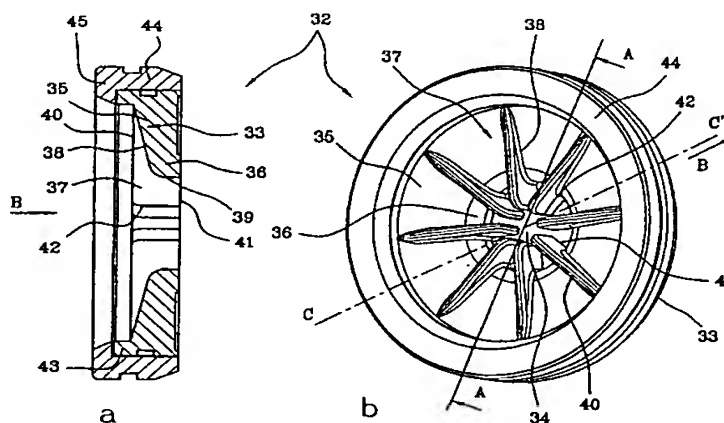
(43) International Publication Date
15 February 2001 (15.02.2001)

PCT

(10) International Publication Number
WO 01/10628 A1

- (51) International Patent Classification⁷: **B29C 47/68** (74) Common Representative: **PIRELLI CAVI E SISTEMI S.P.A.**; Viale Sarca, 222, I-20126 Milano (IT).
- (21) International Application Number: **PCT/EP00/07218**
- (22) International Filing Date: **27 July 2000 (27.07.2000)** (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (25) Filing Language: **English**
- (26) Publication Language: **English**
- (30) Priority Data:
99115701.7 9 August 1999 (09.08.1999) EP
60/157,021 1 October 1999 (01.10.1999) US
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- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- Published:
— *With international search report.*
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: **PROCESS FOR THE PRODUCTION OF A CABLE AND DEVICE FOR PERFORMING THIS PROCESS**



(57) Abstract: The present invention concerns a process for producing cables, in particular cables for the distribution of electrical energy or cables for telecommunications, more particularly, cables having at least one covering layer comprising a composition of high viscosity. More particularly, the present invention concerns cables having at least one covering layer comprising a polymeric composition comprising a mineral filler capable of imparting one or more specific properties to the aforesaid cables. In accordance with the present invention, said production process comprises the stages of: conveying at least one conducting element inside of an extruder; feeding the polymeric material, optionally premixed with other components of said composition, into said extruder; filtering the material transferred and plasticized by the screw of said extruder; depositing said material onto said at least one conducting element, the filtration operation being performed with a filtration efficiency greater than 0.8, preferably greater than 0.9. The present invention concerns, in addition, an apparatus for the purpose of performing the production process mentioned above.